

इंटरनेट

मानक

Disclosure to Promote the Right To Information

Whereas the Parliament of India has set out to provide a practical regime of right to information for citizens to secure access to information under the control of public authorities, in order to promote transparency and accountability in the working of every public authority, and whereas the attached publication of the Bureau of Indian Standards is of particular interest to the public, particularly disadvantaged communities and those engaged in the pursuit of education and knowledge, the attached public safety standard is made available to promote the timely dissemination of this information in an accurate manner to the public.

“जानने का अधिकार, जीने का अधिकार”

Mazdoor Kisan Shakti Sangathan

“The Right to Information, The Right to Live”

“पुराने को छोड़ नये के तरफ”

Jawaharlal Nehru

“Step Out From the Old to the New”

IS 12355 (1988): Supplier's data sheet for vibrators for use with bin and hopper [MED 17: Chemical Engineering Plants and Related Equipment]



“ज्ञान से एक नये भारत का निर्माण”

Satyanarayan Gangaram Pitroda

“Invent a New India Using Knowledge”



“ज्ञान एक ऐसा खजाना है जो कभी चुराया नहीं जा सकता है”

Bhartrhari—Nitiśatakam

“Knowledge is such a treasure which cannot be stolen”

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Indian Standard

SUPPLIER'S DATA SHEET FOR
VIBRATORS FOR USE WITH BIN AND HOPPER

1. Scope — Covers the technical data to be supplied by a manufacturer or a supplier of vibrators for use with bin and hopper, to a purchaser.

2. Supplier's Data Sheet

2.1 Name of Manufacturer _____

2.2 Model _____

2.3 Material Characteristics:

a) Maximum lump size _____ percent lumps

b) Angle of repose { Static _____
Dynamic _____

c) Average material size _____

d) Moisture content, percent _____

e) Is material hygroscopic _____ Yes/No

f) Flowability of material _____

g) Percent fines _____

h) Percent variation of characteristics _____

2.4 a) Equipment into which the bin discharges _____

b) Temperature/pressure of equipment into which the bin discharges _____

2.5 Discharge Rate

a) Average _____

b) Maximum _____

c) Minimum _____

2.6 Capacity of Bin or Hopper Over Which Vibrator is to be Installed _____ kg

2.7 Size of Bin or Hopper

a) Length _____ mm

b) Width _____ mm

c) Diameter (for circular bin/hopper) _____ mm

2.8 Size of Discharge Opening

a) Diameter _____ mm

b) Length _____ mm

c) Width _____ mm

2.9 Vibrator

a) Duty (continuous/intermittent) _____

b) Type (electromagnetic/pneumatic/mechanical/any other) _____

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c) Location (on sloping side plate/discharge of hopper/inside of bin) _____

d) Frequency of vibration _____ Hz

2.10 Type of Mounting _____

2.11 Details of Bin/Chute

a) Thickness of the plate _____ mm

b) If any liner is provided, its thickness _____ mm

c) Shape and slope of the bin/chute _____ mm

2.12 Power Required (Electromagnetic or Mechanical)

a) Volts _____

b) Phase _____

c) Hertz _____

d) Direct current _____

e) Power requirement _____ kw

2.13 Air Required (Pneumatic)

a) Pressure/Temperature _____

b) Flow _____ m³/h _____

2.14 Other Salient Features (Installation Sketches may be given).

a) Material of construction of important parts _____

b) Details of testing of shop and inbuilt quality assurance _____

EXPLANATORY NOTE

The information given by a supplier or manufacturer according to this data sheet will enable a purchaser to evaluate the product before he finally decides to purchase a particular brand or type.